

Table 2. Durable Goods Manufacturers' Unfilled Orders and Total Inventories ¹

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Item	Seasonally Adjusted						Not Seasonally Adjusted			
	Monthly			Percent Change			Monthly			Percent Change 2022/ 2021
	Oct 2022 ²	Sep 2022 ¹	Aug 2022	Sep - Oct ²	Aug - Sep ¹	Jul - Aug	Oct 2022 ²	Sep 2022 ¹	Oct 2021	
DURABLE GOODS										
Total:										
Unfilled Orders ⁴	1,144,273	1,137,276	1,131,950	0.6	0.5	0.5	1,133,878	1,131,618	1,057,901	7.2
Total Inventories.....	489,525	488,640	487,486	0.2	0.2	0.2	488,620	487,718	458,533	6.6
Excluding transportation:										
Unfilled Orders ⁴	473,156	473,050	472,937	0.0	0.0	0.3	468,364	470,466	452,040	3.6
Total Inventories.....	332,726	331,571	330,086	0.3	0.4	0.4	330,209	329,542	303,351	8.9
Excluding defense:										
Unfilled Orders ⁴	930,142	923,243	917,280	0.7	0.7	0.4	921,402	917,464	847,978	8.7
Total Inventories.....	462,951	462,246	460,835	0.2	0.3	0.3	462,021	461,319	432,882	6.7
Manufacturing with unfilled orders:										
Unfilled Orders.....	1,144,273	1,137,276	1,131,950	0.6	0.5	0.5	1,133,878	1,131,618	1,057,901	7.2
Total Inventories.....	391,116	390,504	390,121	0.2	0.1	0.1	390,225	390,129	368,114	6.0
Primary metals:										
Unfilled Orders.....	30,571	30,674	30,723	-0.3	-0.2	-0.1	29,657	29,992	29,912	-0.9
Total Inventories.....	38,489	38,818	38,991	-0.8	-0.4	-0.2	38,139	38,466	36,130	5.6
Fabricated metal products:										
Unfilled Orders.....	117,616	117,763	118,021	-0.1	-0.2	0.0	116,308	117,971	114,685	1.4
Total Inventories.....	62,520	62,610	62,752	-0.1	-0.2	0.2	61,808	62,285	58,417	5.8
Machinery:										
Unfilled Orders.....	133,129	132,674	132,302	0.3	0.3	0.6	131,891	131,742	123,685	6.6
Total Inventories.....	86,565	85,632	84,401	1.1	1.5	0.6	85,931	85,524	74,732	15.0
Computers and electronic products⁴:										
Unfilled Orders.....	140,391	140,538	140,589	-0.1	0.0	0.1	139,582	139,883	136,012	2.6
Total Inventories.....	53,084	52,753	52,468	0.6	0.5	0.4	53,239	52,533	50,459	5.5
Computers and related products:										
Unfilled Orders.....	1,189	1,198	1,210	-0.8	-1.0	-0.7	1,189	1,198	1,289	-7.8
Total Inventories.....	3,959	3,949	3,961	0.3	-0.3	1.5	3,935	4,031	3,699	6.4
Communications equipment:										
Unfilled Orders.....	21,161	21,234	21,386	-0.3	-0.7	0.1	20,744	20,874	19,578	6.0
Total Inventories.....	5,419	5,427	5,391	-0.1	0.7	0.0	5,540	5,428	5,365	3.3
Electrical equipment, appliances, and components:										
Unfilled Orders.....	40,172	39,915	39,674	0.6	0.6	1.0	39,703	39,382	36,074	10.1
Total Inventories.....	23,373	23,217	23,170	0.7	0.2	1.0	22,968	22,772	20,435	12.4
Transportation equipment:										
Unfilled Orders.....	671,117	664,226	659,013	1.0	0.8	0.6	665,514	661,152	605,861	9.8
Total Inventories.....	156,799	157,069	157,400	-0.2	-0.2	-0.1	158,411	158,176	155,182	2.1
Motor vehicles and parts:										
Unfilled Orders.....	27,859	27,911	28,206	-0.2	-1.0	-0.8	26,626	27,424	26,393	0.9
Total Inventories.....	51,802	51,882	51,696	-0.2	0.4	0.4	52,180	52,257	49,387	5.7
Nondefense Aircraft and parts:										
Unfilled Orders.....	454,367	447,527	441,918	1.5	1.3	0.4	451,470	444,890	395,298	14.2
Total Inventories.....	74,971	75,335	75,725	-0.5	-0.5	-0.4	76,040	75,946	77,259	-1.6
Defense Aircraft and parts:										
Unfilled Orders.....	60,327	60,277	61,221	0.1	-1.5	1.8	59,246	59,935	56,924	4.1
Total Inventories.....	12,773	12,763	12,873	0.1	-0.9	-1.6	12,777	12,747	12,675	0.8
All other durable goods:										
Unfilled Orders.....	11,277	11,486	11,628	-1.8	-1.2	-0.9	11,223	11,496	11,672	-3.8
Total Inventories.....	68,695	68,541	68,304	0.2	0.3	0.4	68,124	67,962	63,178	7.8
Capital goods³:										
Unfilled Orders.....	839,344	832,435	826,626	0.8	0.7	0.6	833,739	828,703	768,614	8.5
Total Inventories.....	238,173	237,217	236,338	0.4	0.4	0.3	238,531	237,531	223,461	6.7
Nondefense capital goods:										
Unfilled Orders.....	652,403	645,296	638,762	1.1	1.0	0.5	648,128	641,216	580,302	11.7
Total Inventories.....	215,601	214,810	213,660	0.4	0.5	0.4	215,938	215,103	201,707	7.1
Excluding aircraft:										
Unfilled Orders.....	267,840	267,536	266,779	0.1	0.3	0.5	265,752	265,631	253,232	4.9
Total Inventories.....	151,292	150,133	148,613	0.8	1.0	0.7	150,527	149,762	134,978	11.5
Defense capital goods:										
Unfilled Orders.....	186,941	187,139	187,864	-0.1	-0.4	1.0	185,611	187,487	188,312	-1.4
Total Inventories.....	22,572	22,407	22,678	0.7	-1.2	-0.7	22,593	22,428	21,754	3.9

¹ Revised data due to late receipts and concurrent seasonal adjustment.

² Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

³ Based on advance sample. Estimates of manufacturers' shipments, inventories, and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations, see <http://www.census.gov/manufacturing/m3>.

⁴ The Capital Goods Industries include Nondefense : small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies. Defense Capital Goods include : small arms and ordnance, communications equipment, aircraft; missiles, space vehicles, and parts, ships and boats, and search and navigation equipment.

⁵ Estimates and percent changes of shipments and inventories for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals. Estimates and percent changes for new orders and unfilled orders exclude semiconductor industry data.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, October Advance Report, November 23, 2022. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.